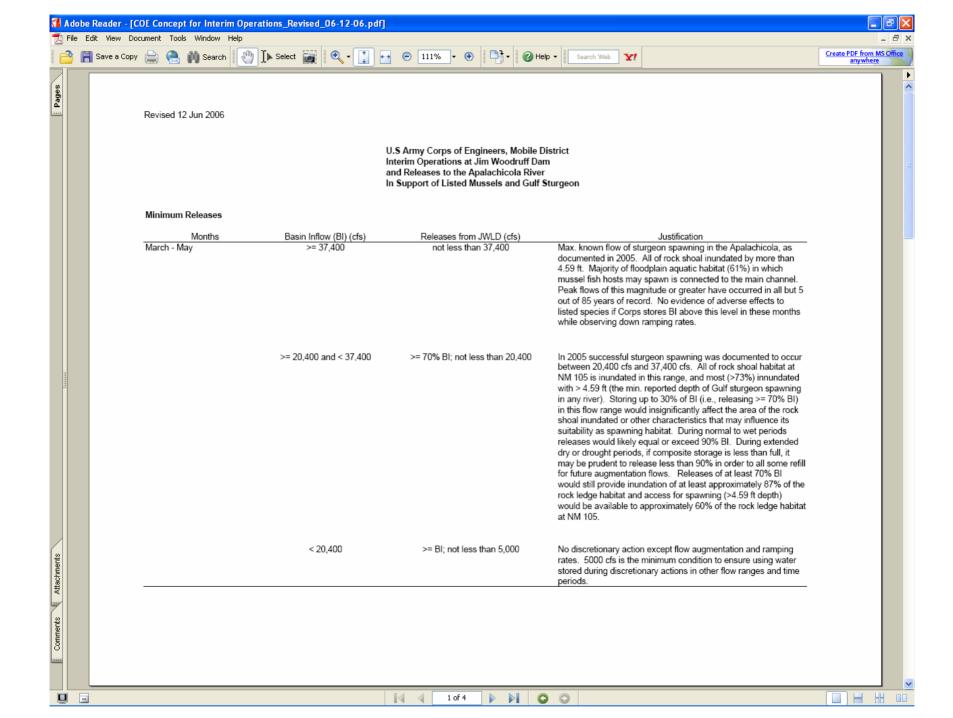
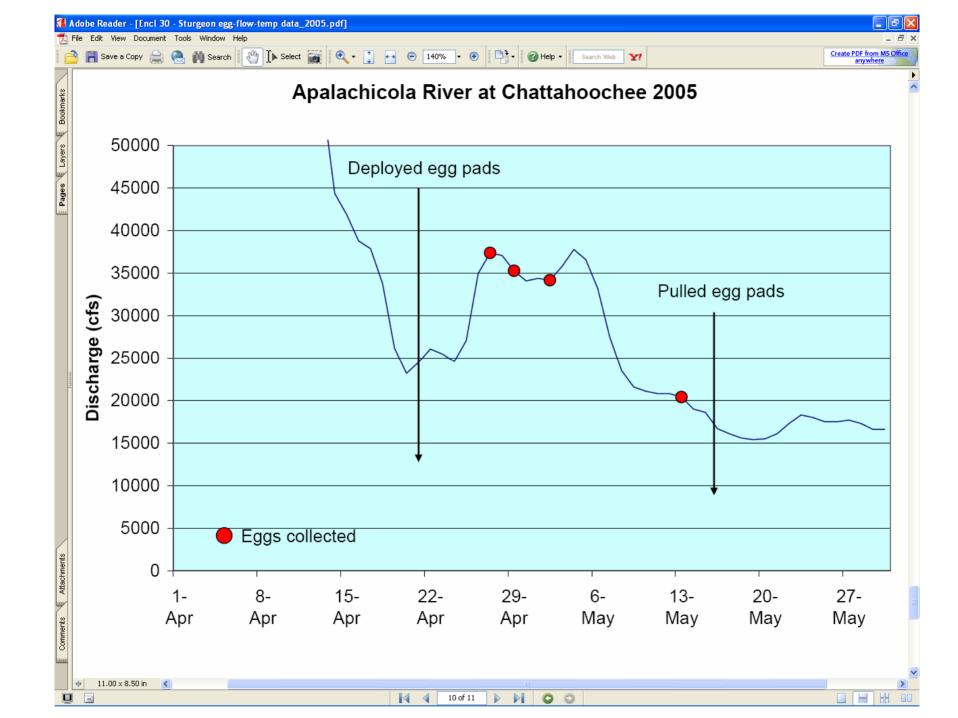
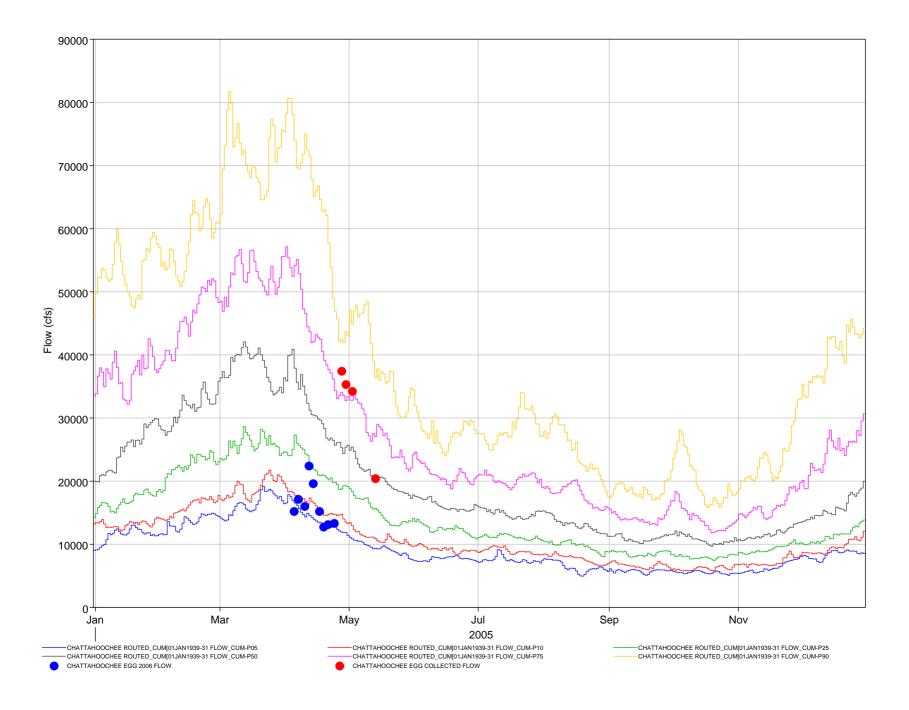
## COE/USFWS Workshop

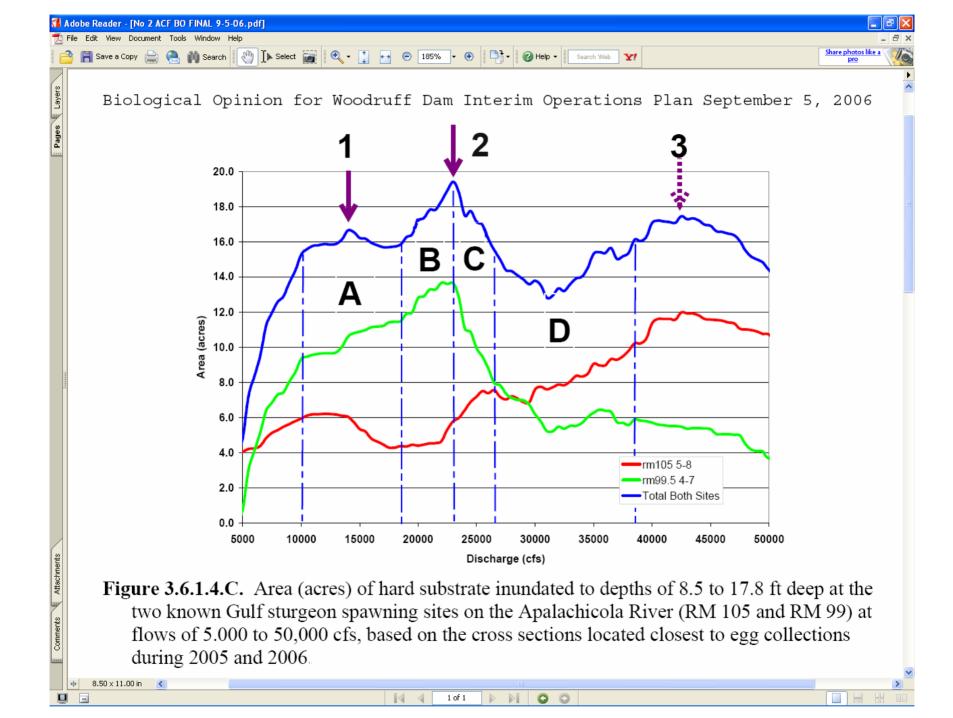
December 13, 2006 Columbus, Georgia

Georgia EPD

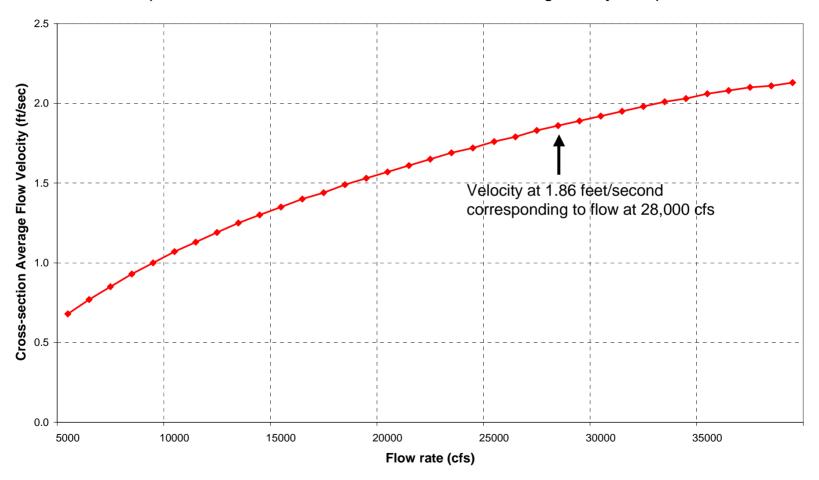


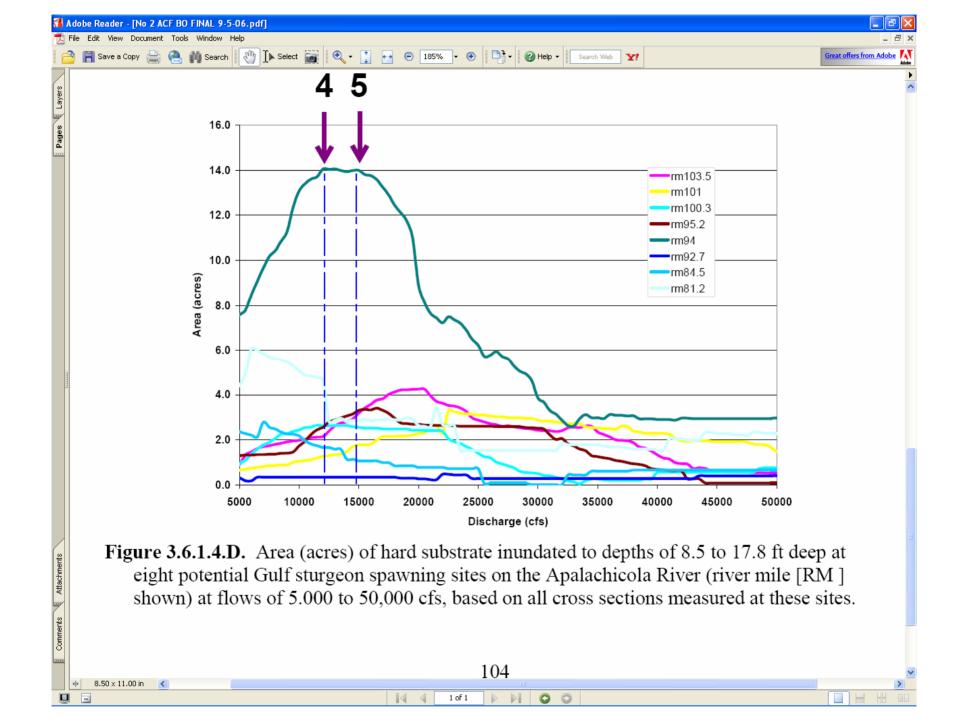






#### Flow Velocity for the Apalachicola River at Chattahoochee, Florida (HEC-RAS simulation with 1994 cross section and 2002 rating curve by USGS)





### Conclusions

- Abolish the 37,400 cfs flow threshold. It is based on partial data, unsustainably high, counterproductive, and detrimental to sturgeon habitat availability.
- In the spawning season, to the extent permitted by Basin Inflow, maintain the most conservative flow level that provides sturgeon with substantial available habitat.

### Conclusions (continued)

• To the extent safety permits and practically possible, avoid release in the range 27,000 cfs to 38,000 cfs. Flow in this range is counter-productive in achieving available sturgeon spawning habitat.

# Suggestions

- USFWS to share its analyzing tools with States so other alternatives can be compared to the IOP (relating to Figs. 4.2.3.A and 4.2.3.B).
- USFWS to provide data supporting Figs. 3.6.1.4.C and 3.6.1.4.D, so States can conduct their own analysis.